

ABSTRACT OF THE DISCLOSURE

Disclosed is a method for replicating a software application in a multi-computer architecture (cluster). The software application is executed on a first computer of the the cluster, which represents a primary or operation node, and is replicated on at least one other computer of the cluster, which represents a secondary node, including replication of the resources associated with the software application. The method includes streamlined updating of the replicated resources via a dynamic introspection mechanism supplying the structure of the application that is to be replicated and the dynamic graph of the implemented resources and dependencies.